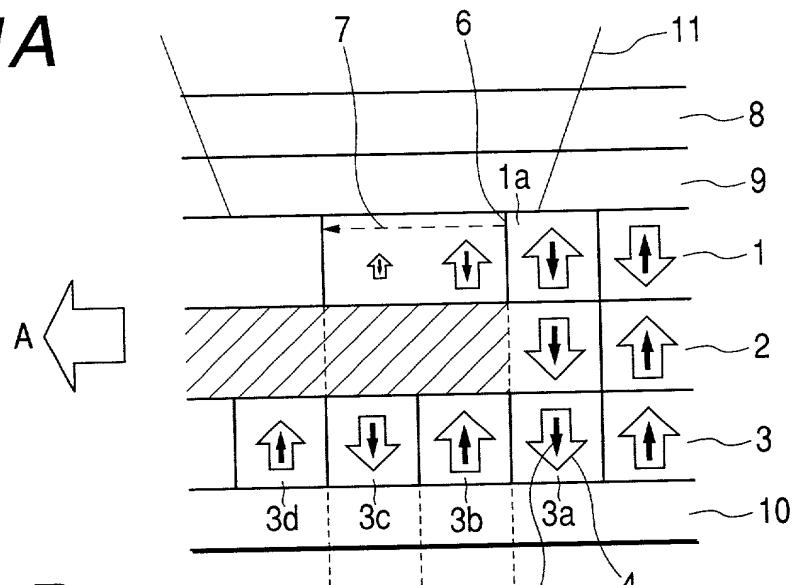
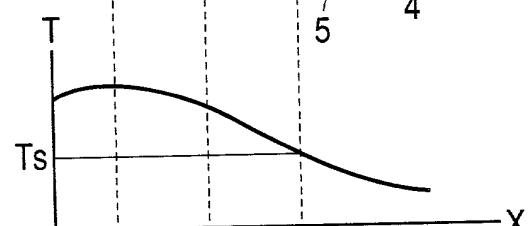
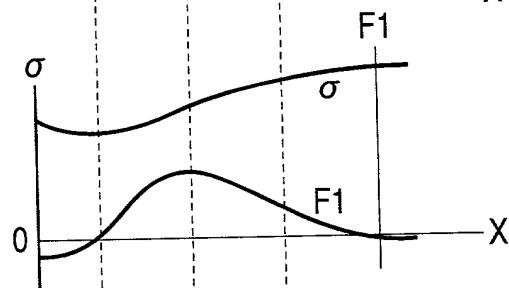


FIG. 1A**FIG. 1B****FIG. 1C****FIG. 1D**

RARE EARTH SUBLATTICE
MAGNETIZATION DOMINANT

TRANSITION METAL SUBLATTICE
MAGNETIZATION DOMINANT

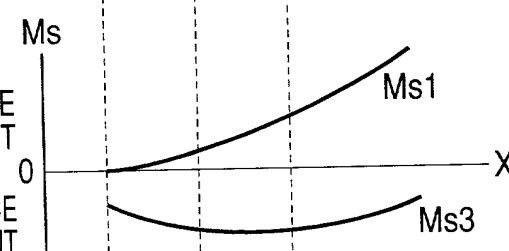
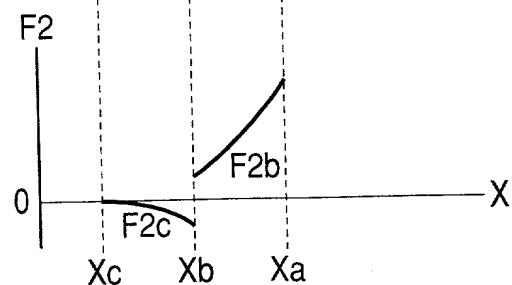
**FIG. 1E**

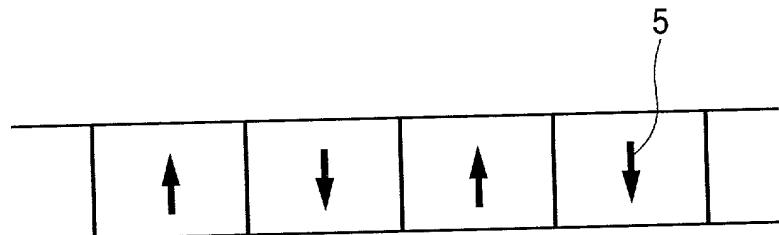
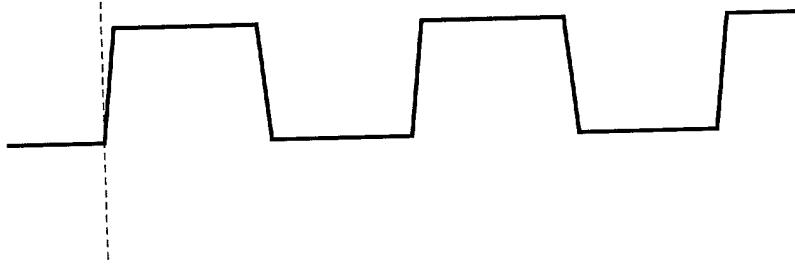
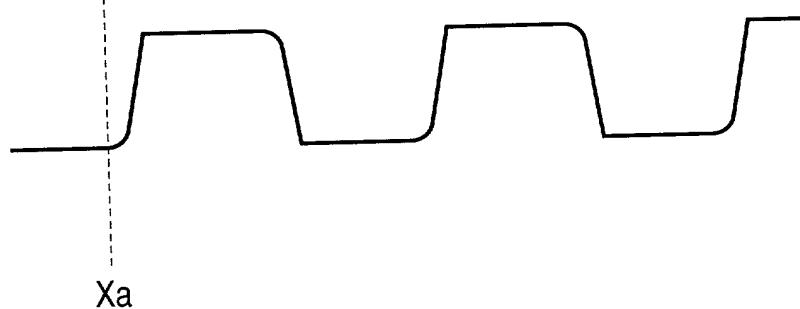
FIG. 2A**FIG. 2B****FIG. 2C**

FIG. 3

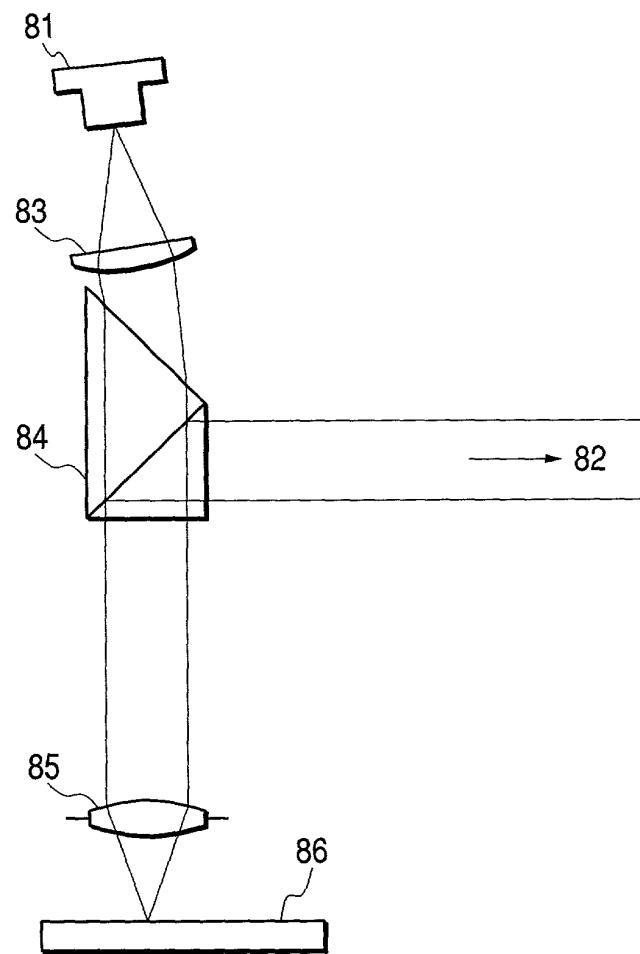


FIG. 4

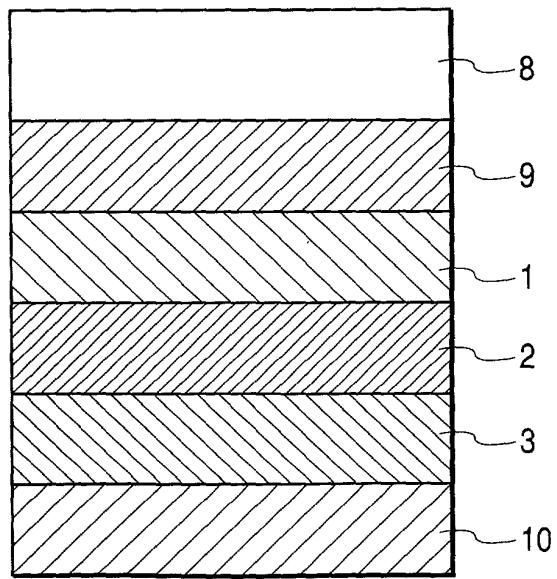


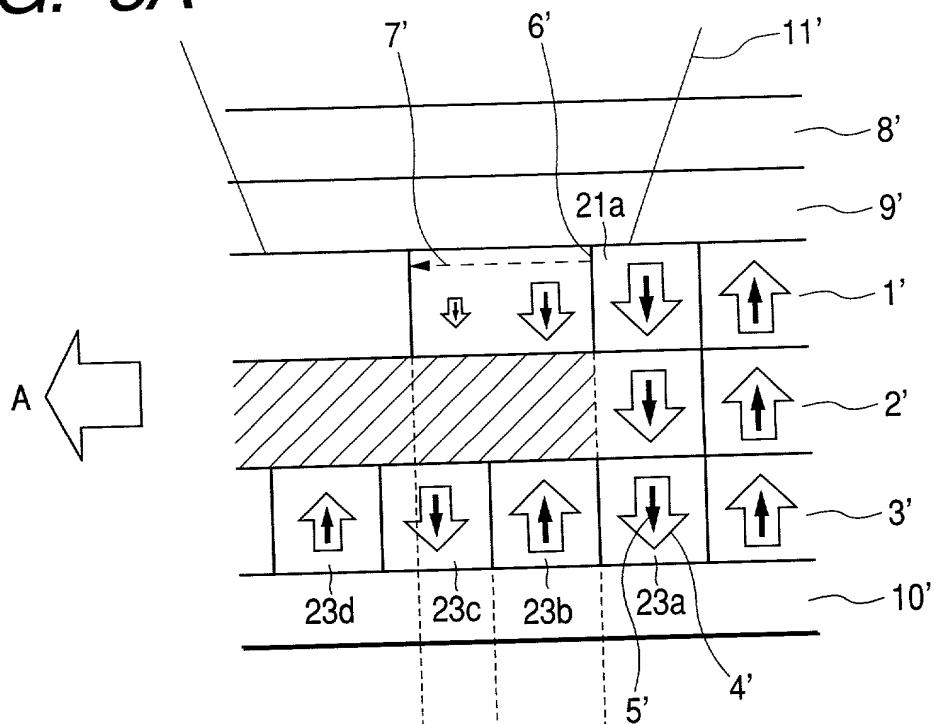
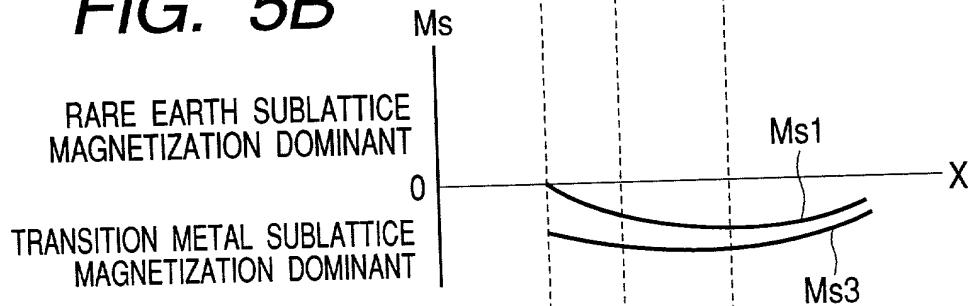
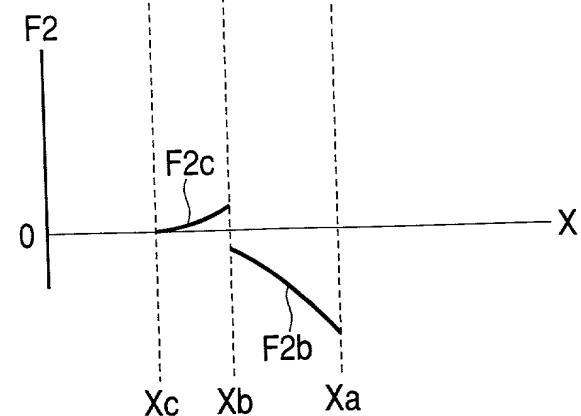
FIG. 5A**FIG. 5B****FIG. 5C**

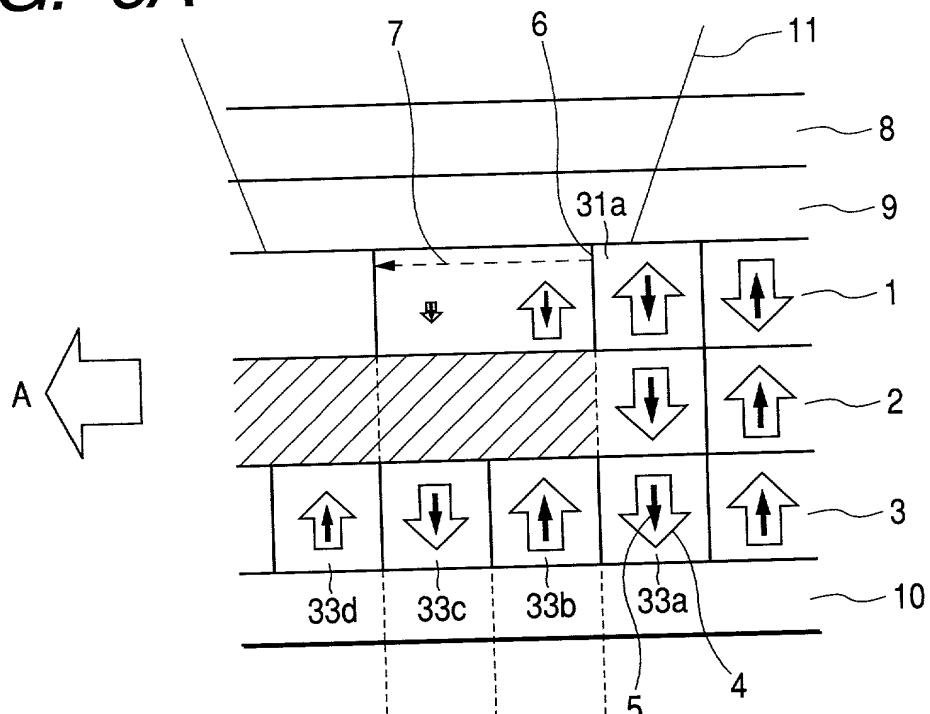
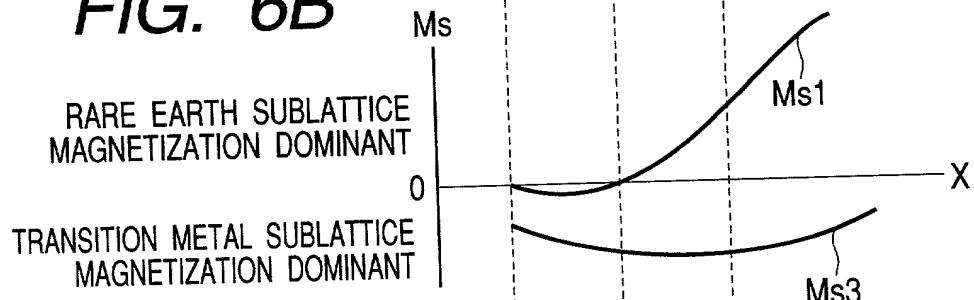
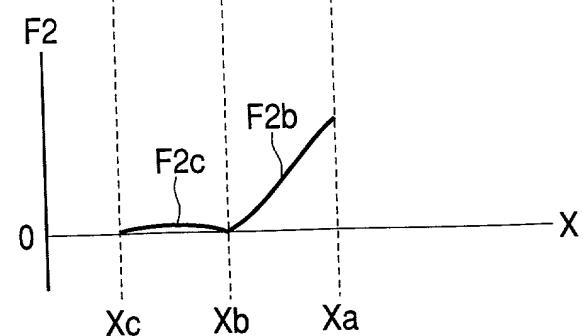
FIG. 6A**FIG. 6B****FIG. 6C**

FIG. 7

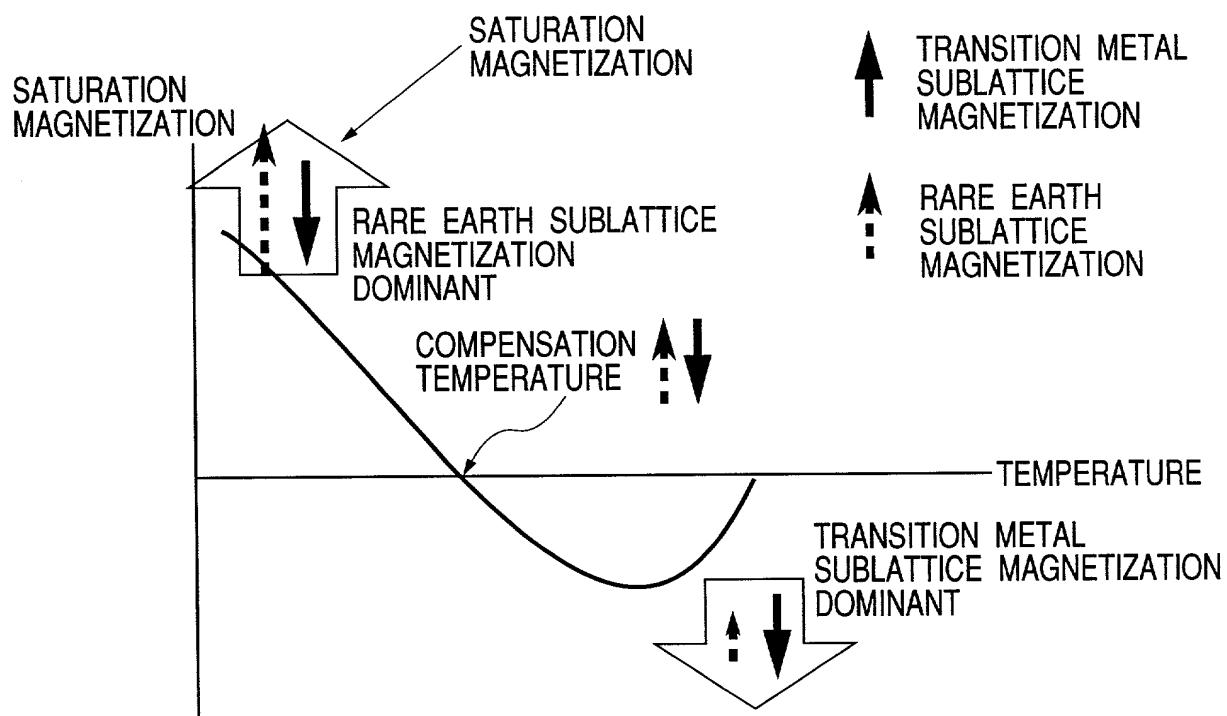


FIG. 8A
PRIOR ART

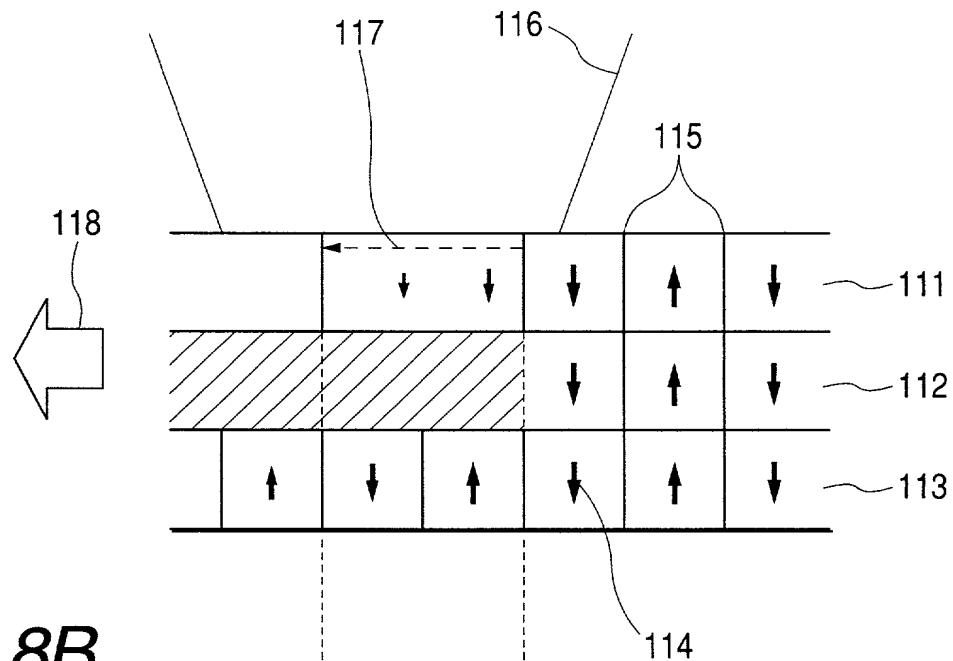


FIG. 8B
PRIOR ART

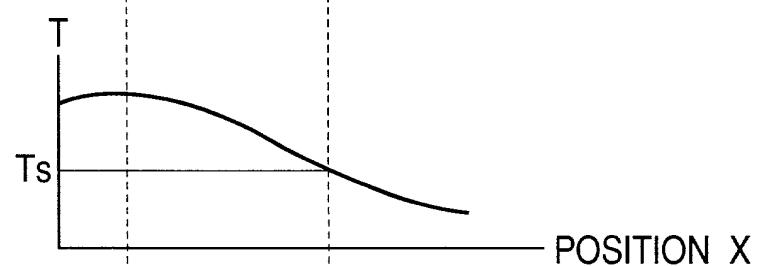


FIG. 8C
PRIOR ART

